



PATENT

EXHIBIT A

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| 1. | Serial No: | 08/340,667 |
| | Filing Date: | 11/16/94 |
| | Patent No.: | 6,002,411 |
| | Issue Date: | 12/14/99 |
| | Title: | INTEGRATED VIDEO AND MEMORY
CONTROLLER WITH DATA PROCESSING
AND GRAPHICAL PROCESSING
CAPABILITIES |
| | Assignment Reel/Frame: | 9275/0387 |
| | Our File No.: | 40532-P001X1 |
| | Former File No.: | 5143-00101 |

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| 2. | Serial No: | 09/241,139 | JUN 12 2003 |
| | Filing Date: | 2/1/99 | Technology Center 2 |
| | Patent No.: | 6,370,631 | |
| | Issue Date: | 4/9/02 | |
| | Title: | MEMORY CONTROLLER INCLUDING
EMBEDDED COMPRESSION /
DECOMPRESSION CAPABILITIES FOR
IMPROVED DATA ACCESS BETWEEN NON-
VOLATILE AND SYSTEM MEMORY | |
| | Assignment Reel/Frame: | 9758/0602 | |
| | Our File No.: | 40532-P001D2 | |
| | Former File No.: | 5143-00202 | |

5.	Serial No:	08/565,103
	Filing Date:	11/30/95
	Patent No.:	5,838,334
	Issue Date:	11/17/98
	Title:	MEMORY AND GRAPHICS CONTROLLER WHICH PERFORMS POINTER-BASED DISPLAY LIST VIDEO REFRESH OPERATIONS
	Assignment Reel/Frame:	9275/0371
	Our File No.:	40532-P001P1C1
	Former File No.:	5143-00301

6.	Serial No.:	08/604,670
	Filing Date:	2/21/96
	Patent No.:	5,995,120
	Issue Date:	11/30/99
	Title:	GRAPHICS SYSTEM INCLUDING A VIRTUAL FRAME BUFFER WHICH STORES VIDEO/PIXEL DATA IN A PLURALITY OF MEMORY AREAS
	Our File No.:	40532-P001M1X1
	Former File No.:	5143-00304

7. Serial No: 08/770,017
 Filing Date: 12/19/96
 Patent No.: 6,108,014
 Issue Date: 8/22/00
 Title: SYSTEM AND METHOD FOR
 SIMULTANEOUSLY DISPLAYING A
 PLURALITY OF VIDEO DATA OBJECTS
 HAVING DIFFERENT BIT PER PIXEL
 FORMATS

 Our File No.: 40532-P001M2X1
 Former File No.: 5143-00305
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8. Serial No: 09/971,107
 Filing Date: 10/4/01
 Patent No.: 6,518,965 B2
 Issue Date: 2/11/03
 Title: GRAPHICS SYSTEM AND METHOD FOR
 RENDERING INDEPENDENT 2D AND 3D
 OBJECTS USING POINTER BASED DISPLAY
 LIST VIDEO REFRESH OPERATIONS

 Assignment Reel/Frame: 012505/0682
 Our File No.: 40532-P021C1
 Former File No.: 5143-01103
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9. Serial No: 09/056,021
 Filing Date: 4/6/98
 Patent No.: 6,067,098
 Issue Date: 5/23/00
 Title: VIDEO/GRAPHICS CONTROLLER WHICH
 PERFORMS POINTER-BASED DISPLAY LIST
 VIDEO REFRESH OPERATIONS

 Assignment Reel/Frame: 9274/0804
 Our File No.: 40532-P001M3P1
 Former File No.: 5143-01200

10. Serial No: 10/085,274
 Filing Date: 2/28/02
 Title: VIDEO CONTROLLER SYSTEM WITH
 SCREEN CACHING

 Assignment Reel/Frame: 012663/0652
 Our File No.: 40532-P003C1
 Former File No.: 5143-01501

11. Serial No: 09/239,659
 Filing Date: 1/29/99
 Title: BANDWIDTH REDUCING MEMORY
 CONTROLLER INCLUDING SCALABLE
 EMBEDDED PARALLEL DATA
 COMPRESSION AND DECOMPRESSION
 ENGINES

 *****Response to Office Action submitted on
 8/5/02 requested title change to: SELECTIVE
 LOSSLESS, LOSSY, OR NO COMPRESSION
 OF DATA BASED ON ADDRESS RANGE,
 DATA TYPE, AND/OR REQUESTING AGENT**

 Assignment Reel/Frame: 9742/0780
 Our File No.: 40532-P001M4P1
 Former File No.: 5143-01700

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| 12. | Serial No: | 09/421,968 |
| | Filing Date: | 10/20/99 |
| | Patent No.: | 6,208,273 |
| | Issue Date: | 3/27/01 |
| | Title: | SYSTEM AND METHOD FOR PERFORMING
SCALABLE EMBEDDED PARALLEL DATA
COMPRESSION |
| | Assignment Reel/Frame: | 010338/0552 |
| | Our File No.: | 40532-P001M5P2 |
| | Former File No.: | 5143-01701 |
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| 13. | Serial No: | 09/491,343 |
| | Filing Date: | 1/26/00 |
| | Title: | SYSTEM AND METHOD FOR PERFORMING
SCALABLE EMBEDDED PARALLEL DATA
DECOMPRESSION |
| | Assignment Reel/Frame: | 010529/0576 |
| | Our File No.: | 40532-P001M6D1 |
| | Former File No.: | 5143-01702 |
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| 14. | Serial No: | 09/818,283 |
| | Filing Date: | 3/27/01 |
| | Title: | SYSTEM AND METHOD FOR PERFORMING
SCALABLE EMBEDDED PARALLEL DATA
COMPRESSION |
| | Assignment Reel/Frame: | 011940/0856 |
| | Our File No.: | 40532-P001M7P2 |
| | Former File No.: | 5143-01704 |
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| 18. | Serial No: | 09/550,380 |
| | Filing Date: | 4/14/00 |
| | Patent No.: | 6,523,102 B1 |
| | Issue Date: | 2/18/03 |
| | Title: | PARALLEL COMPRESSION /
DECOMPRESSION SYSTEM AND METHOD
FOR IMPLEMENTATION OF IN-MEMORY
COMPRESSED CACHE IMPROVING
STORAGE DENSITY AND ACCESS SPEED
FOR INDUSTRY STANDARD MEMORY
SUBSYSTEMS AND IN-LINE MEMORY
MODULES |
| | Assignment Reel/Frame: | 010730/0424 |
| | Our File No.: | 40532-P007US |
| | Former File No.: | 5143-02000 |
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| 19. | Serial No: | 09/840,724 |
| | Filing Date: | 4/23/01 |
| | Title: | SYSTEM AND METHOD FOR RECOGNIZING
AND CONFIGURING DEVICES EMBEDDED
ON MEMORY MODULES |
| | Assignment Reel/Frame: | 011755/0793 |
| | Our File No.: | 40532-P008US |
| | Former File No.: | 5143-02400 |
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| 20. | Serial No: | 09/915,751 |
| | Filing Date: | 7/26/01 |
| | Title: | SYSTEM AND METHOD FOR MANAGING
COMPRESSION AND DECOMPRESSION OF
SYSTEM MEMORY IN A COMPUTER
SYSTEM |
| | Assignment Reel/Frame: | 012493/0726 |
| | Our File No.: | 40532-P009US |
| | Former File No.: | 5143-02501 |
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24. Serial No: 10/227,607
Filing Date: 8/23/02
Title: MANAGING A CODEC ENGINE FOR
MEMORY COMPRESSION /
DECOMPRESSION OPERATIONS USING A
DATA MOVEMENT ENGINE
Our File No.: 40532-P014US
Former File No.: 5143-03601

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